HARSH NARAYAN SINGH

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Objective

Motivated and detail-oriented Computer Science undergraduate with a strong foundation in Data Structures, Algorithms, and Backend Development. Experienced in developing web applications using Django and Flask. Passionate about solving real-world problems through clean and efficient code. Seeking a software developer role to apply my skills in a fast-paced and challenging environment.

Education

B.Tech in Computer Science Engineering,   Ajay Kumar Garg Engineering College, Ghaziabad   (2022 - 2026)
CGPA: **7.5 / 10**
Class XII (CBSE) –   Maharishi Vidya Mandir, Fatehpur –   2021 – **88%**
Class X (CBSE) –   Maharishi Vidya Mandir, Fatehpur –   2019 **– 94%**

Technical Skills

Languages: Python, C++, C, Java (Basic), JavaScript, HTML, CSS

Frameworks & Libraries: Django, Flask, Scikit-learn, TensorFlow, Pandas, NumPy, Matplotlib

Tools & Platforms**:** Git, GitHub, Postman

Databases and Concepts: MongoDB , REST APIs, CRUD Operations, CI/CD, Unit Testing, OOPs

Internship

Software Development Engineer (SDE) Intern

V4K Entertainment Pvt. Ltd., New Delhi | Jun 2025 – Aug 2025

• Integrated VR features into the app and implemented backend functionalities.

• Worked under guidance of Head of Production to enhance system performance.

• Gained hands-on experience in software development, testing, and collaboration in a real-world project.

Data Science Intern – CodSoft | Nov 2024 – Dec 2024

• Worked on machine learning models for Titanic Survival Prediction, IMDb Rating Prediction, and Iris Classification using Python & scikit-learn.

• Applied preprocessing, feature engineering, and model evaluation techniques to ensure accuracy.

Projects

1-Personal Expense Tracker (Python + SQLite)
2-YouTube Video Downloader (Python + Pytube)
3-Chatbot Assistant (Python + NLP)
4-To-Do Web App (Django)
5-RESTful API for Notes (Flask + Postman)

DSA & Competitive Programming

• Solved **200+** problems on [LeetCode](#), HackerRank and [codechef](#).

• Comfortable with topics: Arrays, Strings, Trees, Graphs, Dynamic Programming, Sorting Algorithms

• Regular participant in coding contests

Certifications

• DSA + Leetcode in Python – Udemy – Mar 2024

• Python Data Science – Udemy – Mar 2025

• MongoDB Basics – Udemy – Nov 2024

• Python Programming – Infosys Springboard – Apr 2025

• Fundamentals of ML (scikit-learn) – Infosys Springboard – Apr 2025

Key Strengths

• Strong problem-solving and analytical skills

• Proficient in Data Structures & Algorithms

• Quick learner and collaborative team player